

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2011 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>ST0010</b>	Overall LMA Rating	Total LMA Miles				
<b>Sutter Maintenance Yard Wadsworth Canal</b>	<b>A</b>	<b>9.32</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Animal Control	0.07		0.07	0.75%		
Slope Stability	0.01		0.01	0.11%		
Erosion / Bank Caving	0.48		0.48	5.15%		
<i>Supplemental</i>						
USACE Erosion Survey	0.05		0.05	0.54%		
<i>LMA Totals:</i>	0.61	0.00	0.61	6.55%	0.00	0.00

<b>Unit No. 01 Wadsworth Canal LB</b>	Overall Unit Rating	Total Unit Miles				
<b>ST0010</b>	<b>A</b>	<b>4.66</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Animal Control	0.05		0.05	1.07%		
Erosion / Bank Caving	0.06		0.06	1.29%		
<i>Supplemental</i>						
USACE Erosion Survey	0.02		0.02	0.43%		
<i>Unit Totals:</i>	0.13	0.00	0.13	2.79%	0.00	0.00

<b>Unit No. 02 Wadsworth Canal RB</b>	Overall Unit Rating	Total Unit Miles				
<b>ST0010</b>	<b>M</b>	<b>4.66</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Animal Control	0.02		0.02	0.43%		
Slope Stability	0.01		0.01	0.22%		
Erosion / Bank Caving	0.42		0.42	9.01%		
<i>Supplemental</i>						
USACE Erosion Survey	0.03		0.03	0.64%		
<i>Unit Totals:</i>	0.48	0.00	0.48	10.30%	0.00	0.00

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2011 Levee Inspection Results**

**Sutter Maintenance Yard Wadsworth Canal**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2011 Levee Inspection Results**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway			Bank	Unit Miles
Unit No. 01 Wadsworth Canal			Left	4.66
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/30/2011 - 3/30/2011		12/6/2011 - 12/6/2011	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Steve Beckley Sutter Yard		Steve Beckley Sutter Yard	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway							Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal							Left	4.66	12/06/2011 12/06/2011	Bob Duffey
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.89	0.89	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.123973 ° -121.758818 °	39.123973 ° -121.758818 °	96 Y
2	1.74	1.74	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011: Whole bank is starting to unravel, with failure from poor soils. [2011 Site ID: WAC_2-1_L]	39.133887 ° -121.749526 °	39.141757 ° -121.742939 °	7 Y
3	1.82	1.82	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	39.134727 ° -121.748503 °	39.134727 ° -121.748503 °	92 Y
4	1.85	1.85	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.135107 ° -121.748210 °	39.135107 ° -121.748210 °	6 Y
5	2.30	2.30	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.140508 ° -121.743703 °	39.140508 ° -121.743703 °	93
6	2.31	2.31	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	39.140553 ° -121.743720 °	39.140553 ° -121.743720 °	94
7	2.41	2.41	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2010 - Over steepened levees, some slumping, reach-wide problem. 2011: Still a reach-wide problem. [2011 Site ID: WAC_2-4_L]	39.142235 ° -121.742609 °	39.153095 ° -121.734390 °	8 Y
8	2.76	2.76	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.146063 ° -121.739288 °	39.146063 ° -121.739288 °	1 Y
9	3.18	3.25	Earthen Levee	Erosion / Bank Caving	WS	A	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Sutter Yard repaired this erosion site.	39.150980 ° -121.735280 °	39.151865 ° -121.734880 °	97 Y
10	3.18	3.25	Earthen Levee	Erosion / Bank Caving	WS	C	Schedule repair of erosion site prior to the next inspection.	39.151192 ° -121.735238 °	39.152258 ° -121.734640 °	2
11	3.56	3.59	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.156225 ° -121.732930 °	39.156639 ° -121.732755 °	3 Y
12	3.68	3.68	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.157861 ° -121.732238 °	39.157861 ° -121.732238 °	4 Y
13	4.27	4.27	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.165845 ° -121.728877 °	39.165845 ° -121.728877 °	5

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable      PO : Partially Obstructing      N : Not Inspected, see Inspector Comment      C : Corrected  
M : Minimally Acceptable      CO : Completely Obstructing  
U : Unacceptable      W : Watch/Monitor

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.66	12/06/2011 12/06/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.89
End Levee Mile	0.89
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the W/S slope.

rduffey\_f\_20111206\_566.jpg



Levee Mile Report Line	2
Start Levee Mile	1.74
End Levee Mile	1.74
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011\_WAC\_2-1\_L\_1.jpg



Levee Mile Report Line	2
Start Levee Mile	1.74
End Levee Mile	1.74
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011\_WAC\_2-1\_L\_2.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.66	12/06/2011 12/06/2011	Bob Duffey

Levee Mile Report Line	2
Start Levee Mile	1.74
End Levee Mile	1.74
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #3

USACE2011\_WAC\_2-1\_L\_3.jpg



Levee Mile Report Line	2
Start Levee Mile	1.74
End Levee Mile	1.74
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #4

USACE2011\_WAC\_2-1\_L\_4.jpg



Levee Mile Report Line	2
Start Levee Mile	1.74
End Levee Mile	1.74
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #5

USACE2011\_WAC\_2-1\_L\_5.jpg

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

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N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.66	12/06/2011 12/06/2011	Bob Duffey

Levee Mile Report Line	3
Start Levee Mile	1.82
End Levee Mile	1.82
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes & bait station along the W/S slope.

rduffey\_f\_20111206\_567.jpg



Levee Mile Report Line	4
Start Levee Mile	1.85
End Levee Mile	1.85
Location	Water Side
Category	Earthen Levee
Item	Animal Control

View of rodents burrows along the slope & next to a pipe.

rduffey\_f\_20110927\_241.jpg



Levee Mile Report Line	7
Start Levee Mile	2.41
End Levee Mile	2.41
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011\_WAC\_2-4\_L\_1.jpg



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.66	12/06/2011 12/06/2011	Bob Duffey

Levee Mile Report Line	7
Start Levee Mile	2.41
End Levee Mile	2.41
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011\_WAC\_2-4\_L\_2.jpg



Levee Mile Report Line	8
Start Levee Mile	2.76
End Levee Mile	2.76
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of erosion along W/S toe.

rduffey\_f\_20110927\_237.jpg



Levee Mile Report Line	9
Start Levee Mile	3.18
End Levee Mile	3.25
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the repaired erosion site that Sutter Yard completed.

rduffey\_f\_20111206\_568.jpg

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Wadsworth Canal	Left	4.66	12/06/2011 12/06/2011	Bob Duffey

Levee Mile Report Line	11
Start Levee Mile	3.56
End Levee Mile	3.59
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the waterside toe of the levee.

rduffey\_f\_20110927\_239.jpg



Levee Mile Report Line	12
Start Levee Mile	3.68
End Levee Mile	3.68
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the waterside toe of the levee.

rduffey\_f\_20110927\_240.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2011 Levee Inspection Results**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway			Bank	Unit Miles
Unit No. 02 Wadsworth Canal			Right	4.66
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/30/2011 - 3/30/2011		12/5/2011 - 12/5/2011	
DWR Inspector	Bob Duffey		Bob Duffey	
Accompanied By	Steve Beckley Sutter Yard		Steve Beckley Sutter Yard	

Check one:

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(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

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DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Suite 200  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Wadsworth Canal						Right	4.66	12/05/2011 12/05/2011	Bob Duffey	
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.02	0.18	Earthen Levee	Seepage / Sandboils	LS	C		39.114427 ° -121.769225 °	39.116257 ° -121.767467 °	1
2	1.15	1.15	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.127481 ° -121.756519 °	39.127481 ° -121.756519 °	9 Y
3	1.17	1.17	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	39.127648 ° -121.756345 °	39.127648 ° -121.756345 °	3 Y
4	1.74	1.74	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011: Whole bank is starting to unravel, with failure from poor soils. [2011 Site ID: WAC_2-1_R]	39.134064 ° -121.749781 °	39.141814 ° -121.743260 °	11 Y
5	1.86	1.86	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	39.135535 ° -121.748678 °	39.135535 ° -121.748678 °	8
6	2.37	2.37	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2010 - Over steepened levees, some slumping, reach-wide problem. 2011: Still a reach-wide problem. [2011 Site ID: WAC_2-4_R]	39.142254 ° -121.742847 °	39.153150 ° -121.734611 °	12 Y
7	3.21	3.21	Earthen Levee	Erosion / Bank Caving	WS	A	Schedule repair of erosion site prior to the next inspection. Inspector Comments: Sutter Yard repaired this site.	39.151726 ° -121.735531 °	39.151726 ° -121.735531 °	10 Y
8	3.21	3.21	Earthen Levee	Erosion / Bank Caving	WS	C	Note and monitor erosion site.	39.151726 ° -121.735531 °	39.151726 ° -121.735531 °	2
9	3.46	3.46	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.155057 ° -121.733985 °	39.155057 ° -121.733985 °	4 Y
10	3.59	3.99	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.156753 ° -121.733267 °	39.162113 ° -121.730997 °	5 Y
11	4.48	4.48	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2011: Small erosion pocket. [2011 Site ID: WAC_4-3_R]	39.168659 ° -121.728016 °	39.168937 ° -121.727905 °	13 Y
12	4.49	4.49	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	39.168848 ° -121.728130 °	39.168848 ° -121.728130 °	6 Y
13	4.55	4.55	Earthen Levee	Erosion / Bank Caving	WS	W	Note and monitor erosion site.	39.169670 ° -121.727787 °	39.169670 ° -121.727787 °	7 Y

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable      PO : Partially Obstructing      N : Not Inspected, see Inspector Comment      C : Corrected  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.66	12/05/2011 12/05/2011	Bob Duffey

Levee Mile Report Line	2
Start Levee Mile	1.15
End Levee Mile	1.15
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of the rodent holes along the L/S slope.

rduffey\_f\_20111206\_563.jpg



Levee Mile Report Line	3
Start Levee Mile	1.17
End Levee Mile	1.17
Location	Land Side
Category	Earthen Levee
Item	Slope Stability

View of vehicle erosion along L/S slope.

rduffey\_f\_20111206\_564.jpg



Levee Mile Report Line	4
Start Levee Mile	1.74
End Levee Mile	1.74
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011\_WAC\_2-1\_R\_1.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.66	12/05/2011 12/05/2011	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	1.74
End Levee Mile	1.74
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011\_WAC\_2-1\_R\_2.jpg



Levee Mile Report Line	6
Start Levee Mile	2.37
End Levee Mile	2.37
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011\_WAC\_2-4\_R\_1.jpg



Levee Mile Report Line	6
Start Levee Mile	2.37
End Levee Mile	2.37
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011\_WAC\_2-4\_R\_2.jpg

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
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W : Watch/Monitor

N : Not Inspected, see Inspector Comment    C : Corrected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.66	12/05/2011 12/05/2011	Bob Duffey

Levee Mile Report Line	7
Start Levee Mile	3.21
End Levee Mile	3.21
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the repaired erosion site that Sutter Yard completed.

rduffey\_f\_20111206\_565.jpg



Levee Mile Report Line	9
Start Levee Mile	3.46
End Levee Mile	3.46
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion at the waterside toe of the levee.

rduffey\_f\_20110927\_468.jpg



Levee Mile Report Line	10
Start Levee Mile	3.59
End Levee Mile	3.99
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the waterside toe.

rduffey\_f\_20110927\_469.jpg



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
W : Watch/Monitor

N : Not Inspected, see Inspector Comment C : Corrected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.66	12/05/2011 12/05/2011	Bob Duffey

Levee Mile Report Line	11
Start Levee Mile	4.48
End Levee Mile	4.48
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #1

USACE2011\_WAC\_4-3\_R\_1.jpg



Levee Mile Report Line	11
Start Levee Mile	4.48
End Levee Mile	4.48
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey

USACE 2011 Photo #2

USACE2011\_WAC\_4-3\_R\_2.jpg



Levee Mile Report Line	12
Start Levee Mile	4.49
End Levee Mile	4.49
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of erosion along the W/S toe.

rduffey\_f\_20110927\_470.jpg

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
W : Watch/Monitor

N : Not Inspected, see Inspector Comment

C : Corrected



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2011**

**Sutter Maintenance Yard Wadsworth Canal**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Wadsworth Canal	Right	4.66	12/05/2011 12/05/2011	Bob Duffey

Levee Mile Report Line	13
Start Levee Mile	4.55
End Levee Mile	4.55
Location	Water Side
Category	Earthen Levee
Item	Erosion / Bank Caving

View of the erosion along the W/S toe.

rduffey\_f\_20110927\_471.jpg



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor	N : Not Inspected, see Inspector Comment C : Corrected
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